CLAIMS

1. An engine control device comprising:

crankshaft phase detecting means for detecting the phase of a crankshaft,

intake air pressure detecting means for detecting the intake air pressure in an intake pipe of an engine,

stroke detecting means for detecting a stroke of said engine based on at least said phase of said crankshaft detected by the crankshaft phase detecting means,

engine control means for controlling the operating condition of said engine based on said stroke of the engine detected by said stroke detecting means and said intake air pressure detected by said intake air pressure detecting means, and

engine rotational speed detecting means for detecting the engine rotational speed,

wherein said stroke detecting means detects a stroke based on variation in intake air pressure detected by said intake air pressure detecting means and detects a stroke based on variation in engine rotational speed detected by said engine rotational speed detecting means, and completes stroke detection when the detected strokes coincide with each other.